

1                   **ABSTRACT**

2                   The invention relates to materials for use as electrodes in an alkali-ion secondary  
3                   (rechargeable) battery, particularly a lithium-ion battery. The invention provides  
4                   transition-metal compounds having the ordered-olivine, a modified olivine, or the  
5                   rhombohedral NASICON structure and the polyanion  $(\text{PO}_4)^{3-}$  as at least one constituent  
6                   for use as electrode material for alkali-ion rechargeable batteries.

7